

06/17/2004 14:23 FAX

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DOCKET No. ET-04-37  
001/003

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OFFICE OF SENATOR JOHN CORNYN

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BPL  
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To: FCC  
202-418-1662 Fax

Date: June 17, 2004

From: Suzanne Schutze

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Re: Terry Carpenter

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JUN 23 2004

Federal Communications Commission  
Office of the Secretary

## COMMENTS:

Thank you for your help.

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JOHN CORNYN  
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## United States Senate

WASHINGTON, DC 20510-4305

June 10, 2004

Federal Communications Commission DC  
Office of Legislative Affairs  
445 12th Street, SW  
Room #8-C453  
Washington, DC 20554

My constituent has sent the enclosed communication. A response which addresses his/her concerns would be appreciated.

Please send your response to the following address:

Office of Senator John Cornyn  
Occidental Tower  
5005 LBJ Freeway, Suite 1150,  
Dallas, Texas 75244-6199

ATTN: Suzanne Schutze  
(972) 239-3349  
(972) 239-2110 (Fax)

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E-mail: [Suzanne\\_Schutze@cornyn.senate.gov](mailto:Suzanne_Schutze@cornyn.senate.gov)

Enclosure

Honorable Senator, John Cornyn  
517 Hart senate office building  
Washington, DC  
20510

April 5, 2004

Senator Cornyn

For 15 years, I have served as a radio wireless systems analyst for the Houston Texas police department. Currently the FCC has issued a notice of proposed rule making (NPRM) ET Dockets 03-104 and 04-37 in essence to allow Broadband over power lines, BPL is a form of carrier current or power line communications which would allow application of RF in the High frequency and VHF radio range directly existing Exterior power lines to provide internet and broadband services. Carrier current systems are subject to the FCC part 15 rules governing unlicensed devices, and the FCC has acknowledged that these applications are likely a difficult challenge in deployment to power lines, yet the FCC remains silent on the issue of BPL interference to other licensed users.

At the February 12 open meeting where the NPRM was adopted the commission did not mandate the BPL industry maintain a data accessible to the public to assist in location of BPL operators who are interfering with licensed services. Nor did the FCC establish performance standards for BPL interference to offer any real protection to licensed services, and so the rules must be changed to require interference be resolved immediately, as well severe enforcement for failure of a BPL system operator fails to resolve a complaint and for failure to maintain a current data base.

As a radio system specialist I am concerned BPL would render our emergency HF and vhf communications useless, also I remind you that during 911

When all other services were down Amateur radio operators maintained communication and when Houston experienced a tropical storm several years ago our building housing the police dispatch and 911 basement flooded resulting in loss of both emergency generators as well the 911 equipment

Amateur radio operators passed emergency and rescue messages.

I ask your support to require the FCC to perform more in-depth study and engineering into the effects of BPL before considering authorizing operations.

Terry Carpenter Sct  
Houston police Department  
Room C-435  
61 Reisner St  
Houston, Texas 77002-1538  
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